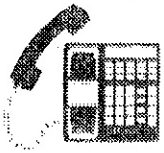
CamLink®

Instruction Manual

VISION 500

Stereo Video Titler and Processor



TECHNICAL HELPLINE

0906 851 5262

All calls charged at 36p/min cheap rate 48p/min all other times.

SuperSpares **0707 270436**

24 HOUR DESPATCH - Ring for extra connection leads, items missing from box etc
Technical calls will not be dealt with on this number - Please see Technical Helpline.

Camlink Vision 500

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WARNING

TO REDUCE THE RISK OF FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE.

This apparatus was produced to BS415

FOR YOUR SAFETY DO NOT REMOVE OUTER COVER.

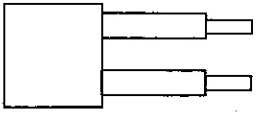
To prevent electric shock do not remove cover. No user serviceable parts inside. Refer servicing to qualified service personel.

AC MAINS LEAD CONNECTION

When using a mains adaptor with this apparatus, ensure that the mains plug is wired in accordance with the following code.

As the colours of the wires in the mains lead may not correspond with the coloured markings identifying the terminals in your plug proceed as follows:

IMPORTANT



The wire which is coloured **BLUE** must be connected to the terminal which is marked with the letter **N** or coloured **BLACK**.
The wire which is coloured **BROWN** must be connected to the terminal which is marked with the letter **L** or coloured **RED**.

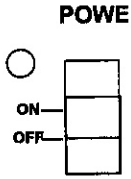
UNDER NO CIRCUMSTANCES MUST EITHER OF THE ABOVE WIRES BE CONNECTED TO THE EARTH TERMINAL OF A THREE PIN PLUG

Powering the Vision 500

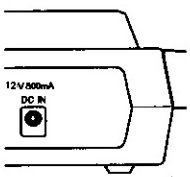
The Camlink Vision 500 is a mains-operated unit and will need to be powered via the 12 Volt DC adapter (supplied).

Connecting a Mains Power Supply

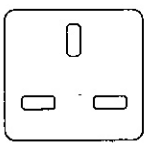
1. Make sure that the Vision 500 is switched OFF.



2. Connect the power jack into the socket on the rear of the Vision 500.



3. Connect the transformer into the mains.



Replacing the Back-up Battery

The Vision 500 has an internal back-up battery designed to store the title pages after the unit has been switched off. This battery has an approximate life of 10 000 hours. If the memory does fail then it is likely that this battery needs to be replaced.

Replace with a 3V Lithium CR2032 or equivalent.

Introduction

VISION 500
Stereo Video Titler and Processor

Thank you for purchasing the Camlink Vision 500.
The Vision 500 is a colour video titler designed to meet the requirements of todays camcorder user.

The Vision 500 will allow you to add 8 pages of text, of different sizes, in a choice of 8 colours. The text can scroll over a coloured background and can even be superimposed over live video.

The three channel audio mixer will alow you to add narration and background music.

The Vision 500 is compatible with S-VHS and Hi-8 and for that professional touch the Video Fade feature will fade out the Titles and the Video picture.

Kit Contents

Vision 500 Stereo Video Titler and Processor	x1
DC Mains Adapter	x1
Instruction Manual	x1
Connecting lead	x1
Microphone Headset	x1

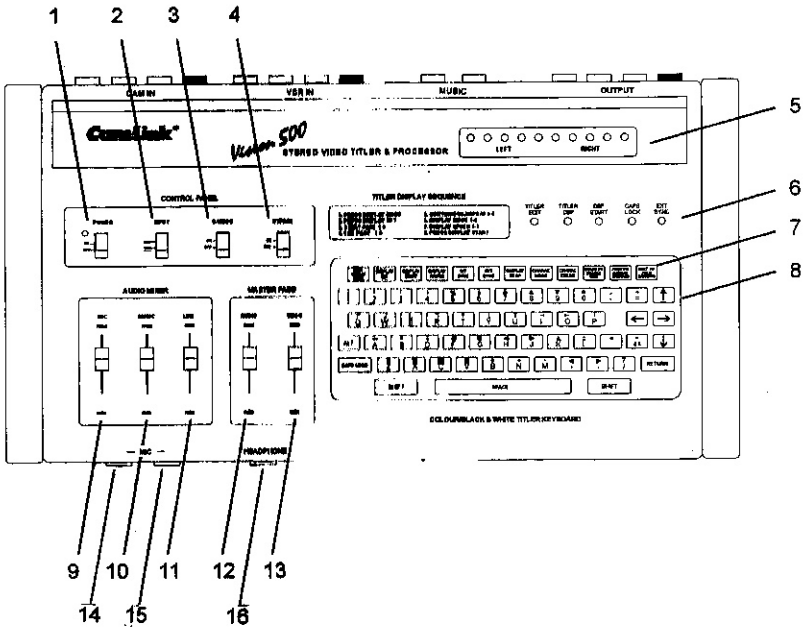
Before You Use this Product

So that you can fully enjoy this product, we recommend that you take a few minutes to study this manual carefully before you begin. If you do encounter any difficulties, please feel free to call our Technical Helpline where our team of engineers will be on hand to give fast friendly advice to guide you along step by step. (The Helpline Number is printed on the front page of this manual.)

Precautions

Avoid Sudden or Extreme changes in temperature.
Avoid Areas of High Humidity or Dust.
Keep Away from Direct Sunlight.
Keep Away from Water.

Key to Features

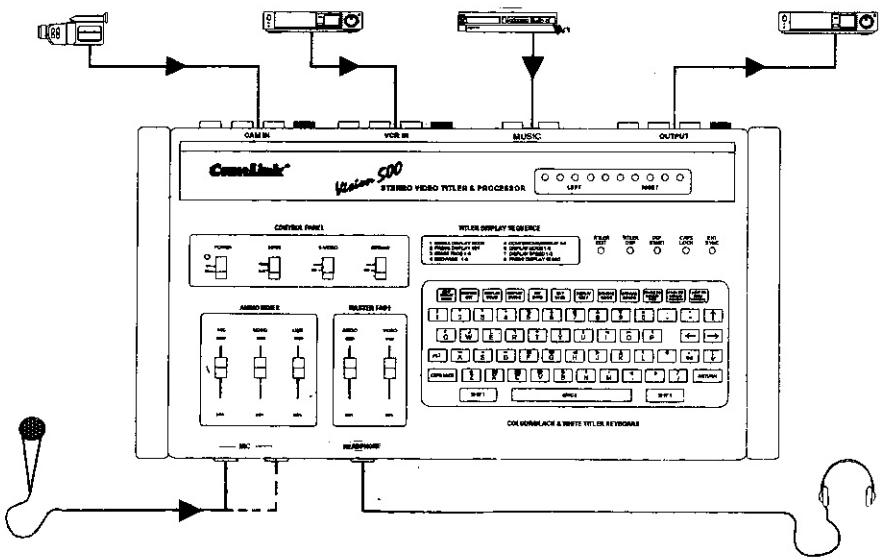


Key

1. On/Off Switch
2. Input Selector Switch
3. S-Video Select Switch
4. Bypass Switch
5. LED Level Indicators
6. Function Indicator LED`s
7. Function Keys
8. QWERTY Keyboard
9. Mic Level Slider
10. Music Level Slider
11. Line Level Slider
12. Master Audio Level Slider
13. Video Fade Slider
14. Microphone Socket Left
15. Microphone Socket Right
16. Headphone Socket

Set Up

The diagram below shows all the connections to the Vision 500. For a more detailed explanation, refer to the appropriate sections of this manual.



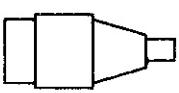
Sockets and Connectors

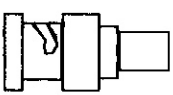
The Vision 500 uses industry standard "Phono" sockets which are the most common type used on current Camcorders and VCR`s. However your equipment may have different sockets and if so, you will need to obtain the appropriate adaptors from your supplier or alternatively, call the Superspares Helpline.

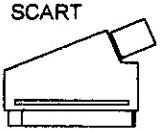
Mini 8 Pin

BNC

SCART





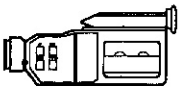


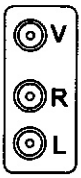
The above diagrams show a selection of some of the sockets available. If your equipment uses any of these types, then you will need to convert them into phono with the appropriate adaptor.

Connecting the Playback Source

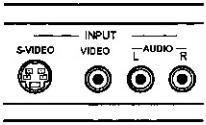
The Vision 500 will need to be connected to the playback machine which can either be a camcorder or a VCR.

1. Locate the **AV OUTPUTS** of the playback machine. (Refer to users manual if necessary).

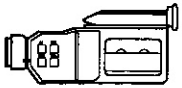


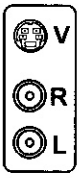


2. Connect the **AV OUTPUTS** from the playback machine to the **AV INPUTS** on the rear of the Vision 500.



Note: If you are using **SVHS** or **HI8** equipment use the **S-Video** socket on the rear of the Vision 500.

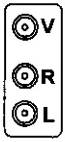




Mono or Stereo

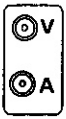
If your playback source has Stereo Audio then there will be two audio connections between it and the Vision 500.

Stereo



Mono

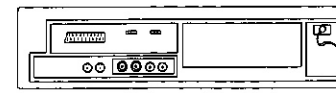
If your source has Mono Audio then connect it to the single socket labelled **L** on the rear of the Vision 500.



Connecting the Recording VCR

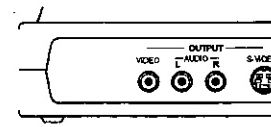
You will need to connect the output of the Vision 500 to the input of the Recording VCR in much the same way that you would have normally connected the Camcorder for editing in the past.

1. Locate the **AV INPUT** on the recording VCR.



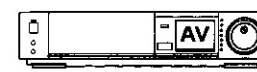
Rear View - VCR

2. Connect the **AV OUTPUTS** on the Vision 500 to the **AV INPUTS** on the recording VCR.



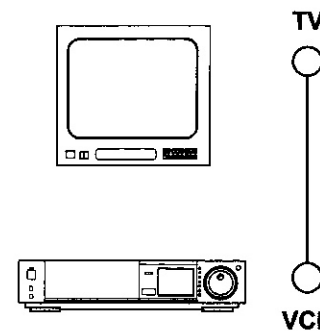
Rear View - Vision 500

3. Switch the recording VCR to the correct **AV MODE**.



NOTE: It is important that you switch the recording VCR to the correct AV Mode otherwise nothing will be recorded.

4. Connect the recording VCR to the T.V. as you would normally via the aerial socket.



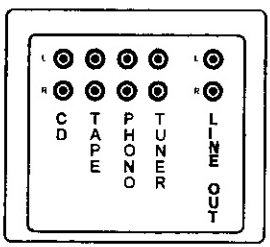
AV Modes

All VCR's have at least one AV mode, many have more than one. There will be a switch or a button on the VCR that will toggle between the Tuner Mode and the AV Mode. Unfortunately VCR manufacturers call the AV Mode different names, so that it is also known as the External Mode, Auxiliary Mode or Line Input. These can be abbreviated to EXT., AUX. or L1, L2 etc. If in doubt consult the users manual.

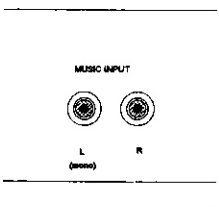
Connecting the External Audio Source

You can use a Hi-Fi system or a C.D. player or any external audio source to add background music/sound effects etc.

1. Locate the **Line-Out** sockets on the music source.

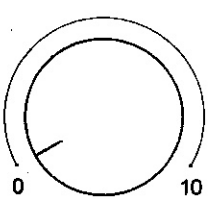


2. Connect the external source to the **MUSIC** sockets on the rear of the Vision 500.



3. If your music source does not have a **Line Out** then you can use the Headphone output instead. If so you will need to obtain the correct type of adaptor so that it can be connected to the Vision 500.

NOTE: If you are going to use the Headphone socket on your Hi-Fi, then you must ensure that the volume is kept low to avoid distorting the sound. It is recommended that you begin with the volume at zero and gradually increase it to the desired level.



WARNING

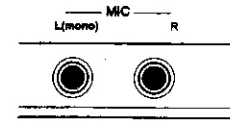
DO NOT USE SPEAKER SOCKETS

You must never connect the speaker output from a Hi-Fi to the Vision 500 as this will cause irreparable damage not covered by the warranty.

Connecting the Microphone and Headphone

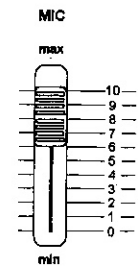
You can connect a microphone to the Vision 500 for narration and voice-overs. A pair of Headphones will allow accurate monitoring of the audio mix.

1. Plug the microphone lead into the socket on the front of the mixer labelled **L-Mono**.



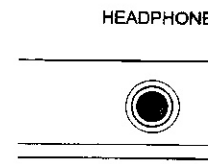
NOTE: If you have a second microphone or a stereo microphone use the other microphone socket labelled **R** for stereo narration.

2. Speak into the microphone and adjust the volume using the **Mic Fader** to obtain the desired level.



NOTE: If the T.V. is too loud then you may experience **Feedback** with the microphone. If this occurs either turn the T.V. down or move the microphone away from the speakers.

3. Connect a pair of headphones (optional) into the **Headphone** socket on the mixer to help you monitor the mix.



How to use the Vision 500

Switching the Vision 500 ON.

The **ON/OFF** switch is located on the left of the Vision 500.

When you first switch on you will be presented with the test screen. This test page will disappear when you press any key.

NOTE: When the title unit is switched on, the titler runs a built-in self demonstration page. If by-pass switch is on, any video input to the machine which is running will interfere with this demonstration program and the picture will appear distorted. If this occurs, press any key to stop the self demostration program and press the EXT/SYNC switch. The by-pass will then apply only to your video source.

Using the Keyboard

The charactors on the keyboard of the Vision 500 are coloured **RED**, **YELLOW** and **GREEN**. Some keys have a dual purpose and may have two charactors in different colours. The following describes how to access a particular feature/charactor of a key.

YELLOW
Press any key that is coloured Yellow to access the yellow feature/charactor.

RED
Hold down the **SHIFT** key and press the key to access the red feature/charactor.

GREEN
Hold down the **ALT** key and press the key to access the green feature/charactor.

The Vision 500 has two modes of operation:

EDIT mode.

DISPLAY mode.

EDIT Mode

This allows you to create the titles to be displayed on the screen.

A flashing cursor will show up on the left corner of the screen.
There are 8 pages of memory available for use.

DISPLAY mode

This will show you the charactors stored in the memory.

You need to be in this mode in order to program the Vision 500 to display a sequence of pages.

Overview of the Keyboard Function Keys.

EDIT/DISPLAY MODE
Toggles between the two modes of operation.

DISPLAY SET
Set up the parameters of the Display mode. Pressing this button cycles through Starting Page, Ending Page, Display Cycle, Display Way and Display Speed.

DISPLAY START
Start to diplay the charactors.

DISPLAY PAUSE
Toggles between Pause on and off.

INT SYNC
Displays the stored pages over a coloured background.

EXT SYNC
Displays the charactors over the signal from the playback machine.

DISPLAY STOP
Stops the display of the charactors.

CHARACTOR MODE (CHARAC. MODE)
Cycles through Normal Charactors, Outlined Charactors or Block-type Charactors.

CHARACTOR COLOUR (CHARAC. COLOR)
Cycles through the 8 charactor colours.

ERASE PAGE (ERASE PG.)
Erases the current selected page.

CHARACTOR SIZE (CHARAC. SIZE)
Cycles through the charactor sizes.

PREVIOUS PAGE (PREV. PG.)
Shows the previous edited page.

NEXT PAGE (NEXT PG.)
Shows the next page to be edited.

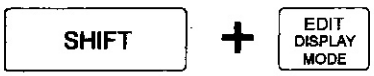
CHARACTOR BACKGROUND (CHARAC. BACKGND)
Cycles through the 8 charactor background colours.

FIELD BACKGROUND (FIELD BACKGND)
Cycles through the 8 background colours.

Creating a Title Page

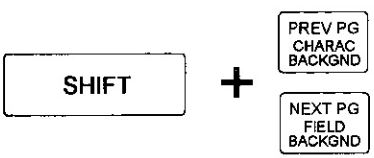
When you first switch the Vision 500 **ON** you will be presented with a test page. This page will disappear when you press any key.

1. Select the **EDIT MODE** by holding down the **SHIFT** key and pressing the **EDIT DISPLAY MODE** key.



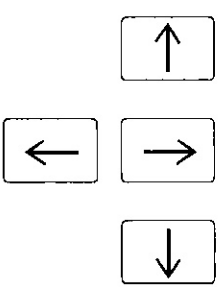
The **TITLER EDIT LED** will illuminate to show that you are in the edit mode.

2. Select the page that you wish to use by holding down the **SHIFT** key and pressing the **PREV PG** key or the **NEXT PG** key.



The cursor will display the current page number (from 1 to 8).

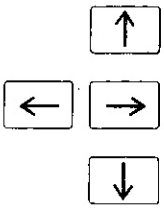
3. Use the **ARROW** keys to position the cursor on the screen where you want the text to begin.



4. Type in the desired charactors to create the title page.

Changing the Charactor Colour

1. Using the **ARROW** keys position the cursor where you want the text to begin.



2. Press the **CHARAC. COLOR** key to cycle through the 8 different colours.

The cursor will change to the selected colour.

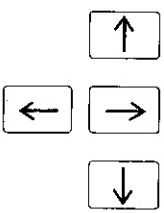
3. Type in the desired text.

The text will appear in the selected colour.

Changing the colour of text that has already been typed.

You can change the colour of text at any time during the edit mode.

1. Use the **ARROW** keys to position the cursor over the charactor to be changed.



2. Press the **CHARAC. COLOR** key to cycle through the 8 different colours.

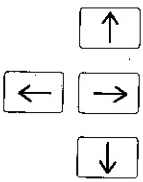
   The cursor will change to the selected colour.

The text will now change to the selected colour.

Changing the Size of the Charactors

The Vision 500 can display charactors in one of two sizes for each line of text.

1. Using the **ARROW** keys position the cursor where you want the text to begin.



2. Press the **CHARAC. SIZE** key to toggle between the two charactor sizes.

The cursor will change to show the current selected charactor size.

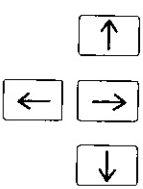
3. Type in the desired text.

The text will appear in the selected charactor size.

Changing the size of text that has already been typed.

You can change the size of text at any time during the edit mode.

1. Use the **ARROW** keys to position the cursor on the line of text to be changed.



2. Press the **CHARAC. SIZE** key to toggle between the two sizes.

The line of text will change to the selected charactor size.

NOTE: You cannot mix different charactor sizes on the same line.

Changing the Background Colour

The Vision 500 can display each page on one of 8 background colours.

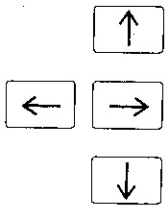
1. Press the **FIELD BACKGND** key to cycle through the 8 background colours.

NOTE: If the background colour is the same as the charactor colour then you will not see the charactors on the screen. If this is the case, press the **FIELD BACKGND** to select another.

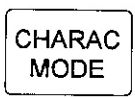
Changing the Charactor Mode

The Vision 500 can display charactors in one of three modes for each line of text.

1. Using the **ARROW** keys position the cursor where you want the text to begin.



2. Press the **CHARAC. MODE** key to toggle between the three charactor types.

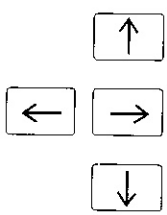


3. Type in the desired text.

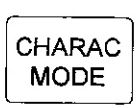
Changing the charactor mode of text that has already been typed.

You can change the charactor mode of text at any time during the edit mode.

1. Use the **ARROW** keys to position the cursor on the line of text to be changed.



2. Press the **CHARAC. MODE** key to toggle between the three types.



The line of text will change to the selected charactor mode.

NOTE: You cannot mix different charactor modes on the same line.

Examples of the Different Charactor Modes

The three charactor modes are as follows:

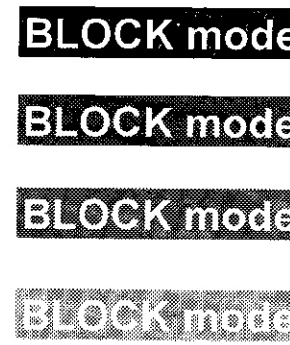
NORMAL Mode

This is the standard text mode that is ideal for the end credits of a production.

BLOCK Mode

This mode places the charactors on a black background. If you press the **CHARAC. BACKGND** key you can cycle the background from black through to white.

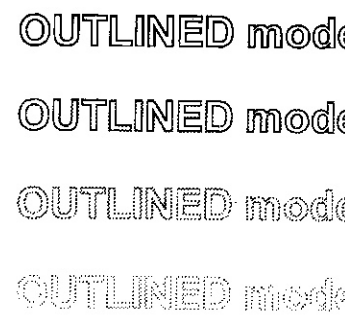
This mode is ideal for superimposing onto live video to create subtitles.



OUTLINED Mode

This text mode creates an outline around the charactors. If you press the **CHARAC. BACKGND** key you can cycle the outline from black through to white.

This mode is ideal for creating opening titles etc.

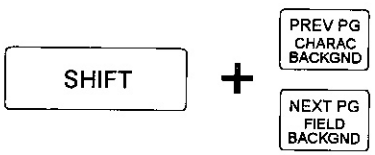


Other Features

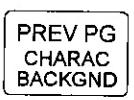
Charactor Background

When you are using **BLOCK** mode or **OUTLINED** mode charactors, you can alter the shading of the charactors background colour from black through to white.

1. Select the page that you wish to alter using the **SHIFT** key together with the **PREV PG.** and **NEXT PG.** keys.



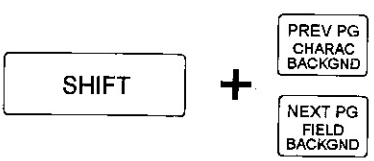
2. Press the **CHARAC. BACKGND** key to cycle through the different background shades.



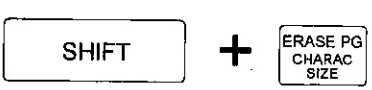
Any charactors on the page in the **BLOCK** mode and **OUTLINED** mode will show the different background shades as you cycle through them.

Deleting a page of text

1. Select the page to be deleted by holding down the **SHIFT** key together with the **PREV PG.** and **NEXT PG.** keys.



2. Hold down the **SHIFT** key and press the **ERASE PG.** key



The text will be erased from that page.

Superimposing the Titles

The Vision 500 can display the title pages over live video from the playback machine. This is known as **External Synchronisation** (or **EXT SYNC**).

1. Create the title page as described in this manual.

2. Place a tape into the playback machine and press **PLAY**.

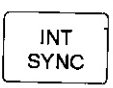
3. Press the **EXT. SYNC** key on the Vision 500.

The **EXT. SYNC LED** will illuminate to show that this mode is active.

You will now see the title superimposed on to the signal from the playback machine.

NOTE: When titles are superimposed over live video, they will appear only as black, white, or as a shade of grey. When colour titles are selected, the title will appear over live video as a grey version of the colour. By pressing the character colour key, eight different levels of grey – from black to white, can be selected.

4. To superimpose the title page over a coloured background, press the **INT. SYNC** key on the Vision 500.



The title page will now appear over a coloured background.

Programming the Display Sequence

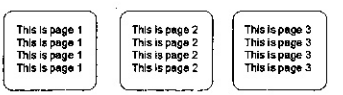
The Vision 500 can automatically display the title pages in sequence in a variety of ways. This chapter will show you the different options available.

Programming

To display the pages of text you will need to input the following information.

1. **Starting Page**
   This is the first page of the sequence.
2. **Ending Page**
   This is the last page of the sequence.
3. **Number of repetitions**
   This is the number of times the sequence will repeat itself.
4. **Display Mode**
   There are 5 ways in which the text is displayed.

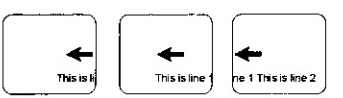
Mode 1
The Vision 500 displays one page after another.


This is page 1
This is page 1
This is page 1
This is page 1
This is page 2
This is page 2
This is page 2
This is page 2
This is page 3
This is page 3
This is page 3
This is page 3

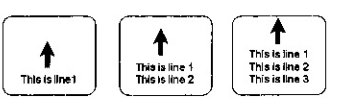
Mode 2
The Vision 500 creates the page line by line then moves onto the next.

Mode 3
The Vision 500 displays the pages one line after another at the bottom of the screen.

Mode 4
The Vision 500 scrolls the text along the bottom of the screen from right to left.



Mode 5
The Vision 500 scrolls the pages from bottom to top one page after another.



To see exactly how these operate, we would recommend that you try each one in turn.

5. **Display Speed**
   This is the speed at which the display cycles.

If you want to use display mode 4, then it is recommended that you fill up the whole page with text. The Vision 500 will scroll each line of a page even if there is no text on a line, so if you leave blank lines on a page then the Vision 500 will scroll blank lines.

NOTE: In display mode 4 the following character attributes are dictated by the first line of the text to be displayed;

a) Character mode (regular, outlined or block type).
b) Character size.
c) The field background
d) Character background.

Regardless of whether the text is more than one page, the above four parametres are fixed by the first line. Any following lines will retain the same features as this first line.

Setting the Display Sequence

This information is entered in the following sequence:

1. Press the **DISPLAY MODE** key.

1. Press the **DISPLAY SET** key.

2. Type in the number of the starting page:
   1-8.(default 1).

3. Type in the ending page:
   1 to 8 (default 8).

4. Type in the number of repetitions:
   0-9 0 = continuous rotation (default 1).

5. Type in the display mode:
   1 to 5 (default 1).

6. Type in the display speed:
   1 to 3 1 = fastest (default 2).

EXAMPLE

You want to display pages **1** to **8**, **2** times using display mode **4** at the slowest speed **3**.

Key in the following:

Press **DISPLAY MODE**

Press **DISPLAY SET**

Type **1**

Type **8**

Type **2**

Type **4**

Type **3**

Displaying the Programmed Sequence

After you have entered the programming information you are now ready to display it.

1. Press the **DISPLAY START** key.

The Vision 500 will proceed to display the desired pages in the sequence that you programmed in.

NOTE: The **DSP START LED** will be illuminated to show that the sequence has started.

2. To freeze the title page on the screen, press the **DISPLAY PAUSE** key.

NOTE: The **DSP START LED** will flash to show that the display sequence has paused.

3. To continue with the display sequence, press the **DISPLAY PAUSE** key again.

4. To stop the display sequence press the **DISPLAY STOP** key.

As the Vision 500 automatically displays the pages in sequence, you can still alter the background colour and select between **INT. SYNC** or **EXT. SYNC** as described earlier in this manual.

NOTE: You cannot alter any of the other charactoristics when the Vision 500 displaying these pages ie charactor size, colour, type etc.

When you have completed the display sequence, you may wish to return to the title pages to alter them. To do this select **EDIT MODE** as described on page 14.

TUTORIAL

This tutorial summarises how to use the Vision 500 in your editing set up.

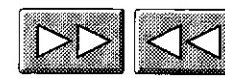
Editing

In the past when editing tapes, you would normally go through the following sequence:

1. Confirm that all of the equipment is connected correctly.

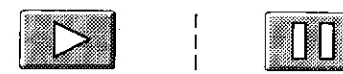
2. Set the recording VCR to the correct AV **Mode**.

3. Locate the desired scene on the playback machine

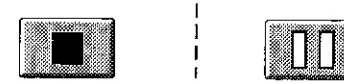


4. Place the recording VCR into **Record-Pause**.

5. Press **Play** on the playback machine and at the same time release the **Pause** on the recording VCR.



6. At the end of the desired scene **Stop** your playback machine and press **Pause** on the recording VCR.



7. Repeat steps 3 - 6 for next scene.

This procedure forms the basis of what is known as **ASSEMBLE EDITING**.

TUTORIAL

Adding a Title Page to Your Production 1

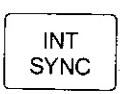
You want to add an opening title page to the beginning of your production. You only want to show one page on a coloured background for a duration of 30 seconds.

1. Confirm that all of the equipment is connected correctly.

2. Create the title using the **EDIT MODE** as described in this manual. (Use page 1 for this example).

3. Place a blank tape into the recording VCR and put the recording VCR into **RECORD PAUSE**.

4. Press the **INT. SYNC** key to place the title on a coloured background.



5. Press the **DISPLAY MODE** key to enter the programming stage.

6. Press the **DISPLAY SET** key to set the display sequence.

7. Type the following :

The starting page number.	1
The ending page number.	1
The display cycle	1
The display mode.	1
The display speed.	3

The title page is now ready to be recorded onto the recording VCR.

8. Press the **DISPLAY START** key to activate the title page and at the same time release **RECORD PAUSE** on the recording VCR.

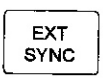
NOTE: If you want the title to remain on the screen for a period of time press the **DISPLAY PAUSE** key to freeze the page.

9. After 30 seconds place the recording VCR back into **RECORD PAUSE**.

10. Press the **DISPLAY STOP** key on the Vision 500 to stop the display sequence.

You have now recorded the title page for 30 seconds.

11. Press the **EXT.SYNC** key on the Vision 500 so that you can continue to edit the rest of your production.



TUTORIAL

Adding a Title Page to Your Production 2

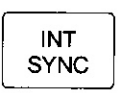
You want to add a title page to your production. You only want to show one page superimposed onto one of the scenes for a duration of 30 seconds.

1. Confirm that all of the equipment is connected correctly.

2. Create the title using the **EDIT MODE** as described in this manual. (Use page 1 for this example).

3. Place the source tape into the playback machine, a blank tape into the recording VCR and put the recording VCR into **RECORD PAUSE**.

4. Press the **EXT. SYNC** key to superimpose the title page.



5. Press the **DISPLAY MODE** key to enter the programming stage.

6. Press the **DISPLAY SET** key to set the display sequence.

7. Type the following :

The starting page number.	**1**
The ending page number.	**1**
The display cycle	**1**
The display mode.	**1**
The display speed.	**3**

8. Locate the beginning of the desired scene and place the playback machine into **PAUSE**.

The desired scene and the title page are now ready to be recorded onto the recording VCR.

9. Press the **DISPLAY START** key to activate the title page and at the same time release **PAUSE** on the playback machine and release **RECORD PAUSE** on the recording VCR.

DISPLAY START

NOTE: If you want the title to remain on the screen for a period of time press the **DISPLAY PAUSE** key to freeze the page.

DISPLAY PAUSE

10. After 30 seconds press the **DISPLAY STOP** key on the Vision 500 to stop the display sequence.

DISPLAY STOP

11. When you have come to the end of the scene place the recording VCR back into **RECORD PAUSE**.

You have now recorded the title page superimposed over the first 30 seconds of the scene.

You can now proceed to edit the other scenes on the original tape as normal.

TUTORIAL

Adding a Title Page to Your Production 3

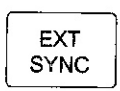
You want to add a sequence of title pages to your production. You want 8 pages of text to display the end credits scrolling across the bottom of the screen.

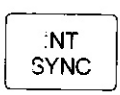
1. Confirm that all of the equipment is connected correctly.

2. Create the titles using the **EDIT MODE** as described in this manual.

3. Place the source tape into the playback machine, and position the copy in the recording VCR. Put the recording VCR into **RECORD PAUSE**.

4. If you want the titles superimposed over the last scene, press the **EXT. SYNC** key to superimpose the title pages. If you want the titles on a coloured background press the **INT. SYNC** key.





5. Press the **DISPLAY MODE** key to enter the programming stage.

6. Press the **DISPLAY SET** key to set the display sequence.

7. Type the following :

The starting page number.	**1**
The ending page number.	**8**
The display cycle	**1**
The display mode.	**4**
The display speed.	**2**

8. If you are going to superimpose the titles over a scene, locate the beginning of the desired scene and place the playback machine into **PAUSE.**

The desired scene and the title page are now ready to be recorded onto the recording VCR.

9. Press the **DISPLAY START** key to activate the title page and at the same time release **RECORD PAUSE** on the recording VCR. (If necessary release **PAUSE** on the playback machine).

NOTE: If you want the titles to remain on the screen for a period of time press the **DISPLAY PAUSE** key to freeze the page.

10. When the titles have finished, and you have come to the end of the scene place the recording VCR back into **RECORD PAUSE.**

You have now recorded the title pages scrolling at the bottom of the screen over the end of your production.

You can now proceed to edit the other scenes on the original tape as normal.

8. If you are going to superimpose the titles over a scene, locate the beginning of the desired scene and place the playback machine into **PAUSE**.

The desired scene and the title page are now ready to be recorded onto the recording VCR.

9. Press the **DISPLAY START** key to activate the title page and at the same time release **RECORD PAUSE** on the recording VCR. (If necessary release **PAUSE** on the playback machine).

NOTE: If you want the titles to remain on the screen for a period of time press the **DISPLAY PAUSE** key to freeze the page.

10. When the titles have finished, and you have come to the end of the scene place the recording VCR back into **RECORD PAUSE**.

You have now recorded the title pages scrolling at the bottom of the sceen over the end of your production.

You can now proceed to edit the other scenes on the original tape as normal.

Tutorial

Audio Mixing

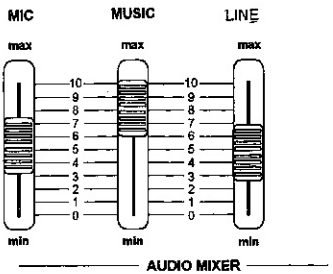
The three channel mixer allows you to individually control the volume of the playback machine, an external audio source and a microphone.

1. Connect up your equipment as described in this manual.

2. Locate the beginning of the desired scene.

3. Play the scene so that you can visualize the exact beginning and end points.

NOTE: This is known as **Previewing**.



4. Whilst you are previewing a scene, adjust the audio controls on the Vision 500 to set the desired mix.

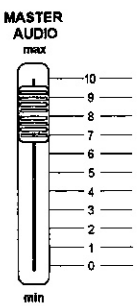
Use the preview technique as many times as necessary to help you record the scenes first time.

5. Use the **Mic Fader** to adjust the volume of the microphone.

6. Use the **Line Fader** to adjust the volume of the playback machine.

7. Use the **Music Fader** to adjust the volume of the external audio.

8. Use the **Master Fader** to adjust the overall volume of the whole mix.



Example

You have a tape of the recent Grand Prix. You wish to edit it to make it shorter and more exciting.

1. Use the Preview Technique to note the details of the scene that you wish to record.

2. Use the Vision 500 to set the desired Audio Mix. At this stage you can keep on experimenting as much as you like because nothing is being recorded.

3. Add some dynamic music from your Hi-Fi as a background soundtrack. Adjust the **Music** fader and the **Line** fader to keep the two sounds balanced.

4. Speak into the Microphone and adjust the **Mic** Fader so that you can add your own race commentary.

5. When you are satisfied that the Audio Mix is correct, proceed to record the scene.

6. Continue onto the next scene.

Tutorial

Fading the Scene In and Out.

1. Connect up your equipment as described in this manual.

2. Set up the Camcorder and VCR ready to record a scene using the Preview technique.

3. Make sure that the Bypass switch on the Vision 500 is set to OFF.

4. Make sure that the Vision 500 is set to EXT. SYNC.

5. Make sure that the Vision 500 is in the Display Mode.

6. Set the Fade slider to the MIN position.

7. Start the Camcorder and VCR to record the scene. You can start and stop the titles at any time.

8. As the Camcorder begins to play, move the Fade slider to the MAX position.

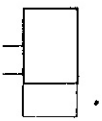
9. The picture and sound (and titles if applicable) will appear on your T.V.

10. As the Camcorder reaches the end of the desired scene, move the Fade slider back to the MIN position.

11. The picture and sound (and titles if applicable) will now have disappeared leaving you to stop the recording VCR ready for the next scene.

12. Repeat if necessary for the rest of the production.

BYPASS



VIDEO

max

min

A Final Note

We hope you will find that the Camlink Vision 500 is simple to use and that it forms an integral part of your editing set-up. We are constantly looking for ways to improve our products and would appreciate any comments that you might have.

Thank you.